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NEWPORT PAGNELL RURAL DISTRICT COUNCIL.

A N N U A L R E P O R T.

of the

MEDICAL OFFICER OF HEALTH

for

The Year 1960.





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A N N U A L   R E P O R T .

of the  
MEDICAL OFFICER OF HEALTH  
for the year  
1960.

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Chairman of the Council: C. Hutton, J.P.

PUBLIC HEALTH COMMITTEE

Chairman: J. H. Green, J.P. (Until April).  
J. H. Baxter.

Councillors: Miss A. E. Chase., Miss S. K. A. Uthwatt, Genl. H. Blount, D.S.O.,  
H. F. Dolling., A. Eley., J. S. Goss., N. J. Gurney.,  
F. T. Hawkins., Revd. P. Hemming, M.A., E. Holdom.,  
W. E. Jarvis., Ald. S. W. Lord, J.P., S. F. Morgan.,  
J. R. Powell., D. G. Revitt., R. O. Sharpe, J.P.,  
H. J. Simpson., F. J. G. Watkiss.

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH.

D.H. WALDRON, O.B.E., M.D., D.P.H., D.T.M & H., COL.I.M.S. (RETD).

(The Medical Officer of Health is also M.O.H. for Buckingham M.B.,  
the Urban Districts of Bletchley, Linslade, Newport Pagnell and  
Wolverton, the Rural Districts of Buckingham and Wing, Area M.O.  
for North Bucks and Buckingham and Winslow Division).

DEPUTY MEDICAL OFFICER OF HEALTH

DR. F. L. O'ROURKE, M.B., B.Ch., D.P.H., D.I.H.

CHIEF PUBLIC HEALTH INSPECTOR.

F. LOCKWOOD, M.Inst.B.E., M.A.P.H.I., M.R.S.H.

Council Offices,  
7, Station Road,  
NEWPORT PAGNELL,  
Bucks.

22nd June, 1961.

TO THE CHAIRMAN AND COUNCILLORS OF THE RURAL DISTRICT  
NEWPORT PAGNELL.

Ladies & Gentlemen,

I have the honour to present the Annual Report of the  
Medical Officer of Health for the year 1960.

The Birth Rate shows a further rise over the previous year,  
the actual figure being 234 as against 229.

The Death Rate shows a satisfactory drop of almost 2 points  
from that of last year. Cancer and the Heart Diseases accounted for 126  
of the total of 176 deaths.

The Infantile Mortality rate shows a rise over the previous  
year. There were actually 6 deaths in this group..

I would like again to record a year of pleasant co-operation  
with your Clerk, Mr. Dunbabin, your Chief Public Health Inspector, Mr. Lockwood  
their Staffs.

I am,

Your obedient servant,

DANIEL H. WALDRON.

Medical Officer of Health.



# SECTION A.

## GENERAL STATISTICS:

						1959.	1960.
Area (in acres)	..	..	..	..	..	61,686.	61,686.
Population	..	..	..	..	..	14,730.	14,660.
Number of inhabited houses	..	..	..	..	..	5,120.	5,012.
Rateable Value	..	..	..	..	..	£134,573.	£136,648.
Area represented by a ld. Rate (estimate)	..	..	..	..	..	£528.	£521.

## VITAL STATISTICS:-

### BIRTHS:-

Legitimate (Males)	..	..	..	..	..	112.	116.
" (Females)	..	..	..	..	..	103.	107.
Illegitimate (Males)	..	..	..	..	..	5.	4.
" (Females)	..	..	..	..	..	5.	7.
Stillbirths	..	..	..	..	..	4.	3.
Birth Rate per 1,000 population	..	..	..	..	..	17.7.	18.5.
" " " " " (Bucks)	..	..	..	..	..	17.6.	18.6.
" " " " " (England & Wales)	..	..	..	..	..	16.5.	17.1.

### DEATHS:-

Males	..	..	..	..	..	113.	90.
Females	..	..	..	..	..	99.	86.
Death Rate per 1,000 population	..	..	..	..	..	11.6.	9.7.
" " " " " (Bucks)	..	..	..	..	..	9.7.	9.7.
" " " " " (England & Wales)	..	..	..	..	..	11.6.	11.5.
Maternal Mortality	..	..	..	..	..	Nil.	Nil.
" " (England & Wales)	..	..	..	..	..	0.38.	0.39.
Infantile Mortality	..	..	..	..	..	8.9.	25.6.
" " (Bucks)	..	..	..	..	..	18.4.	19.8.
" " (England & Wales)	..	..	..	..	..	22.0.	21.7.

## PRINCIPAL CAUSES OF DEATH:-

						1959.			1960.	
						M.	F.	T.		T.
Tuberculosis, respiratory	..	..	..	..	..	1	2.	2	0	2.
Tuberculosis, other	..	..	..	..	..	0	0	0.	0	0.
Meningococcal Infections	..	..	..	..	..	0	0	0.	0	0.
Acute Poliomyelitis	..	..	..	..	..	0	0	0.	0	0.
Cancer	..	..	..	..	..	15	16	31.	22	39.
Leukaemia	..	..	..	..	..	2	1	3.	0	0.
Diabetes	..	..	..	..	..	1	0	1.	0	1.
Cerebral Haemorrhage	..	..	..	..	..	13	20	33.	17	27.
Heart Disease..	..	..	..	..	..	47	28	75.	30	60.
Other Circulatory Diseases	..	..	..	..	..	2	4	6.	1	4.
Influenza	..	..	..	..	..	2	1	3.	0	0.
Pneumonia	..	..	..	..	..	11	6	17.	4	13.
Bronchitis	..	..	..	..	..	5	5	10.	2	4.
Digestive Diseases	..	..	..	..	..	2	1	3.	0	1.
Nephritis	..	..	..	..	..	2	1	3.	0	0.
Hyperplasia of Prostate	..	..	..	..	..	0	0	0.	1	1.
Pregnancy, Childbirth, Abortion..	..	..	..	..	..	0	0	0.	0	0.
Congenital Malformations	..	..	..	..	..	1	1	2.	1	1.
Accidents	..	..	..	..	..	4	4	8.	2	4.
Suicide	..	..	..	..	..	0	0	0.	0	0.
All other causes	..	..	..	..	..	5	10	15.	9	19.
TOTALS	..	..	..	..	..	113	99	212.	90	176.

General Provision of Health Services.

1. LABORATORY SERVICES.

Specimens for bacteriological investigation were sent to the Public Health Laboratories at Northampton and Bedford. Specimens for qualitative and quantitative analysis were sent to London.

2. AMBULANCE SERVICES.

This service, which is controlled by the County Health Department maintains two motor ambulances and one sitting case car in Newport Pagnell supplemented by necessary ambulances from other areas in North Bucks.

3. HOME NURSING AND MIDWIFERY.

The District Nurses in the Newport Pagnell Rural Area carried out their duties in their usual conscientious manner.

4. CLINICS.

(a) Child Welfare Centres:-

There are four static Welfare Centres serving the district. They are located as follows:-

Hanslope (once monthly).

Olney (twice monthly).

Newport Pagnell (twice monthly).

Woburn Sands (twice monthly).

In addition the following villages were visited by the Mobile Welfare Unit

Castlethorpe.  
Stoke Goldington.  
Ravenstone.  
Filgrave.

Astwood.  
North Crawley.  
Milton Keynes.  
Little Brickhill.

Loughton.  
Shenley Church End.  
Lavendon.  
Moulsoe.

Sherington.  
Wavendon.  
Haversham.

The District Nurse and Health Visitor attended each session and a Medical Officer attended once a month. In addition to the normal work of a Child Welfare Centre immunisation against Diphtheria and Whooping Cough was also carried out. These centres have done excellent work during the year and total attendances of children was 3188. I should like to draw attention to the valuable work done by the Ladies Voluntary Committee at these centres.

(b) Chest Clinics:-

Administered jointly by the County Health Department and the Regional Hospital Board, Chest Clinics serving this area are held at Wolverton and Bletchley. A specialist in Chest Diseases attends once a week and these Clinics are doing excellent work particularly in the fight against Tuberculosis.

(c) Orthopaedic Clinics:-

This Clinic administered by the Regional Hospital Board is held twice monthly at Wolverton Road, Newport Pagnell.

5. HOME HELPS SERVICE.

This Service, introduced under the National Health Service Act, 1946 is helping many people annually. During 1960 a total of 49 cases were assisted.

6. HOSPITALS.

The following hospitals have received cases from the area during the year

Northampton General.  
Harborough Road.  
Creaton Sanatorium.  
Renny Lodge.

Bedford General.  
Royal Bucks.  
Tindal House, Aylesbury.  
Westbury, Newport Pagnell.



## SECTION C.

### SANITARY CIRCUMSTANCES OF THE AREA.

#### (A) WATER.

The public water supply, previously owned and controlled by the Rural District Council, has now been taken over by the Bucks Water Board who are the Water Authority for the whole of North Bucks, including this Rural District.

Routine samples are still of course carried out by the Public Health Department and have on all occasions proved satisfactory.

The chemical analysis of the two sources are as follows:-

##### Olney Source:

"This sample is clear and bright in appearance, faintly alkaline in reaction and free from iron and other metals. The water has very moderate hardness, contains no excess of mineral constituents in solution and it is of very satisfactory organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for drinking and domestic purposes."

##### Birchmoor Source:

"This sample is clear and bright in appearance, on the alkaline side of neutrality and free from iron and other metals. The water is fairly soft in character, contains no excess of mineral constituents in solution and it is of the highest standard of organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for drinking and domestic purposes."

##### Tyringham Private Supply:

This private supply for the village of Tyringham has proved ample in quantity and quality throughout the year with the exception of one brief period during heavy flooding and heavy rains when analysis proved not quite up to the normal standard. The chlorination was promptly increased and a subsequent analysis proved satisfactory and that position has been maintained since.

The total number of residential properties is 5,012 being 4897 houses, 115 houses and shops and 52 licenced premises, of which 4,720 are supplied with water from the public mains. In addition the village of Tyringham (26 dwellings) has its own private supply laid on to each property and the village of Cold Brayfield (36 dwellings) had its own private supply, the Board's main supply has only been taken to the village during the past year and many of the properties are not connected thereto.

Several outlying farms and cottages also have their own private supply laid on for all drinking and domestic purposes. Unfortunately records are not available to show how many of the properties are supplied from the Board's main by standpipe but this is known to be only a relatively small number. The population in the Rural District is 14,660 and the estimated population supplied with main water from the Public main is 13,805.

Total consumption for the whole district for all purposes for the year 1960 from all sources:-

Overbrook Works, Weston Underwoods:-  
Birchmoor Total:-

Gallons.
26,709,000
<u>156,946,000</u>
<u><u>183,655,000</u></u>

TOTAL



## (B) DRAINAGE AND SEWERAGE.

### Existing Sewerage Works.

The existing sewage disposal works at Sherington, Haversham Fields Estate, Haversham Manor Estate, Hanslope, Lower End - Wavendon, Milton Keynes, Little Brickhill, Bow Brickhill and Olney; and the pumping stations at Olney, Emberton, Old Bradwell, Hanslope and Wavendon have been maintained as well as possible with the labour force available. The Little Brickhill sewage disposal works is obsolete and that at Sherington requires enlargement. The Engineer and Surveyor still considers that additional sewage works maintenance staff are required if these works are to be maintained to a proper standard.

Works were carried out on some of the sewers in Olney to reduce the quantity of subsoil water which was gaining access to the sewers, and further work will be carried out in the coming year. The consulting engineers are also preparing a scheme for the reconstruction of the Olney Sewage Disposal Works, although they have been delayed pending a decision being made with regard to the disposal of the tannery effluent.

The Hanslope sewerage scheme is almost complete, but there are still a considerable number of pail closets to be converted at both Hanslope and Wavendon, and the owners of the properties concerned are being pressed to carry out these conversions as soon as possible.

Much of the Castlethorpe sewerage scheme, including the provision of a new sewage disposal works, should be completed by the end of 1961, and two firms of consultants are preparing detailed schemes in respect of sewerage and sewage disposal schemes for Shenley Church End, Loughton, Stoke Goldington, Ravenstone, North Crowthorne and Woughton.

An additional surface water sewer has been laid in Old Bradwell to reduce the quantity of surface water passing to the pumping station and the Wolverton Sewage Disposal Works.

The new sewerage scheme at Wavendon has been satisfactorily completed, including the provision of two pumping stations and the reconstruction of the small sewage disposal works serving Lower End. Work should be carried out on smaller sewage disposal works at Filgrave and Great Linford during the coming year.

The Council are making great strides with the implementation of modern schemes of sewerage and sewage disposal in all the larger villages, and within a few years but the very small villages will not have the benefits of modern sewerage schemes.

## (C) SCAVENGING AND CLEANSING.

The fortnightly collection of refuse has been regularly maintained throughout the area, and the weekly collection of the contents of pail closets and the emptying of cesspools, as requested, has been effectively undertaken. Bonus schemes now operate in respect of these services, and have resulted in considerable savings in cost to the Council.

It is hoped that the refuse collection service will be operated on a weekly basis in the not too distant future, and that mechanical plant will be used to a much greater extent on the refuse tips, in order that the tipping of refuse on the Council's tips shall be carried out in a manner far more closely approaching the recommendations of the Ministry.



NORTHERN DEPOT.

Night Soil Collection and Cesspool Cleansing, Etc.

Total hours worked	.. .. .	4,232 hours.
Absence due to sickness, holidays, etc.	..	368 hours.
Mileage covered	.. .. .	9,051.
Fuel consumed	.. .. .	777
Average Miles Per Gallon	.. .. .	11.648

SOUTHERN DEPOT.

Night Soil Collection and Cesspool Cleansing, Etc.

Total hours worked	.. .. .	3,885 hours.
Absence due to sickness, holidays, etc.	..	370 $\frac{1}{2}$ hours.
Mileage covered	.. .. .	12,253.
Fuel consumed	.. .. .	972.
Average Miles Per Gallon	.. .. .	12.606.

NORTHERN DEPOT REFUSE COLLECTION.

Total hours worked	.. .. .	7,680 hours.
Absence due to sickness, holidays, etc.	..	660 hours.
Mileage covered	.. .. .	9,169.
Fuel consumed	.. .. .	1,569.
Average Miles Per Gallon.	.. .. .	5.844.

SOUTHERN DEPOT REFUSE COLLECTION.

Total hours worked	.. .. .	6,908 hours.
Absence due to sickness, holidays, etc.	..	829 $\frac{1}{2}$ hours.
Mileage covered	.. .. .	8,477.
Fuel consumed	.. .. .	600.
Average Miles Per Gallon.	.. .. .	14.128.

SECTION E.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.	Hors.
Number killed (if known)	533	86	8	2790	987	
Number inspected	533	86	8	2790	987	
<u>ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERI:</u>						
Whole Carcases Condemned	1	3	Nil	4	1	
Carcases of which some part or organ was condemned	66	11	Nil	33	28	
Percentage of the number inspected affected with disease other than Tuberculosis & cysticeri.	12.38	12.79	Nil	1.18	2.84	
<u>TUBERCULOSIS ONLY:</u>						
Whole Carcases Condemned	Nil	Nil	Nil	Nil	Nil	
Carcases of which some part or organ was condemned	1	Nil	Nil	Nil	3	
Percentage of the number inspected affected with Tuberculosis	0.19	Nil	Nil	Nil	Nil	
<u>CYSTICEROSIS:</u>						
Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	
Carcases submitted to treat- ment by refrigeration.	Nil	Nil	Nil	Nil	Nil	
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil	

# SECTION F.

FACTORIES ACTS, 1937 and 1948.

## 1. INSPECTIONS. (Including Inspections made by Public Health Inspectors).

	No. on Register.	Number of Inspections.	Number of Written Notices.
(i) Factories under Local Authority Control	55	110	8
(ii) Factories under Local Authority Control (for Section 7 only).	74	158	10
(iii) Other premises, (excluding outworkers).	16	32	2
TOTAL	145	300	20

## 2. DEFECTS FOUND.

Particulars.	Found.	Remedied.	Referred by H.M. Inspector.
Want of cleanliness	8	8	Nil.
Overcrowding	Nil	Nil	Nil.
Unreasonable temperature	Nil	Nil	Nil.
Inadequate ventilation	Nil	Nil	Nil.
Ineffective drainage of floors.	2	2	Nil.
Sanitary Conveniences			
(a) Insufficient	Nil	Nil	Nil.
(b) Unsuitable or defective	2	2	Nil.
(c) Not separate for sexes	Nil	Nil	Nil.
Other offences against the Act not including offences relating to Outwork).	8	8	Nil.
	20	20	Nil.

PROSECUTIONS - Nil.

OUTWORKERS. (Sections 110 and 111).

Number of outworkers making wearing apparel.

8

8



SECTION G.

PREVALENCE OF AND CONTROL OVER

INFECTIOUS AND OTHER DISEASES.

1. GENERAL:

Apart from 26 cases of measles and a small outbreak of whooping cough in the Olney area the year was comparatively free from Infectious Diseases.

2. NOTIFICATIONS:

				<u>1959.</u>	<u>1960.</u>
Whooping Cough	..	..	..	8.	16.
Measles	..	..	..	164.	26.
Scarlet Fever	..	..	..	14.	5.
Pneumonia	..	..	..	3.	-.
Erysipelas	..	..	..	-.	1.
Food Poisoning	..	..	..	1.	-.
Dysentery	..	..	..	-.	6.

3. TUBERCULOSIS.

Two cases were notified during the year. There were two deaths.

4. CANCER.

There were 2 deaths from this disease during the year.

DANIEL H. WALDRON.